

EFRP-S703

ERP1U 700W Redundant Power Module

Features:

- High Efficiency $\geq 80\%$
- 0~50°C Working Temperature
- +12V and +5VSB Output
- PMBus Support



General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: > 0.97 minimum
- Hold Up Time: 17ms @ 80% Load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 40 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, TUV, CCC, CB, BSMI

Input and Output Characteristics

Input			DC Output		
Voltage	Frequency	Current	Load	+12V	+5VSB
100~240 VAC	47~63Hz	10-6A	Max.Load	57A	3.5A
			Min.Load	0.8A	0.1A

Note: Total combined output shall not exceed 700W

Ripple and Noise

Output	+12V	5Vsb
Load Regulation	± 5%	± 5%
Line Regulation	± 1%	± 1%
Ripple & Noise	120mV	50mV

Mechanical

Outline Dimension: 98.5mm(W) x 40mm(H) x 220mm(D)

Outline Drawing

